

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

| | | | | | |
|--|---|----|---|--------------------------|-------------------|
| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | Not Yet Assigned |
| | | | | Filing Date | Not Yet Assigned |
| | | | | First Named Inventor | G. Ian Rowlandson |
| | | | | Group Art Unit | Not Yet Assigned |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 2 | Attorney Docket Number | 039199-9554-00 |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | |
|---|--|--|
| Examiner Initials | | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published. |
| CL | | RICHARD S. T. LEUNG and T. DOUGLAS BRADLEY, Sleep Apnea and Cardiovascular Disease, Am J Respir Crit Care Med, Vol. 164, pp. 2147-2165, 2001, www.atsjournals.org. |
| CL | | DON D. SIN, FABIA FITZGERALD, JOHN D. PARKER, GARY NEWTON, JOHN S. FLORAS and T. DOUGLAS BRADLEY; Risk Factors for Central and Obstructive Sleep Apnea in 450 Men and Women with Congestive Heart Failure; Am J Respir Crit Care Med, Vol. 160, pp. 1101-1106, 1999, www.atsjournals.org. |
| CL | | JACK J. SALAH, M.D., Central Sleep Apnea in Chronic Congestive Heart Failure: Update and Implications for Management; Jacksonville Medicine, http://www.dcmsonline.org/jax-medicine/2001journals/March2001/sleepapnea.htm , March 2001. |
| CL | | JOHN D. ZOIDIS, M.D., Heart Failure and CPAP: A Review of the Evidence; Sleep Review, http://www.sleepreviewmag.com/articles.ASP?ArticleID=S0301F03 , Jan./Feb. 2003. |
| CL | | Major Improvement in Heart Function Shown by Treating Sleep Disorder; Mount Sinai Hospital news release, Toronto General Hospital, Toronto Rehab, March 27, 2003. |
| CL | | Heavy Breathing in the Night: Central Sleep Apnea in Heart Failure; http://www.upenn.edu/researchatpenn/article.php?217&hlt , Sept. 26, 2001. |
| CL | | Congestive Heart Failure, June 2002. |
| CL | | RYAN, et al.; ACC/AHA Guidelines for the Management of Patients With Acute Myocardial Infarction; Journal of the American College of Cardiology; Vol. 28, No. 5, November 1, 1996; 1328-428. |
| CL | | RYAN, et al.; 1999 Update: ACC/AHA Guidelines for the Management of Patients With Acute Myocardial Infarction; Journal of the American College of Cardiology; Vol. 34, No. 3, September 1999; 890-911. |

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Carl Layno/ | Date Considered | 06/22/2006 |
|--------------------|--------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

| | | | | | |
|--|---|----|---|--------------------------|-------------------|
| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | Not Yet Assigned |
| | | | | Filing Date | Not Yet Assigned |
| | | | | First Named Inventor | G. Ian Rowlandson |
| | | | | Group Art Unit | Not Yet Assigned |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 2 | of | 2 | Attorney Docket Number | 039199-9554-00 |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | |
|---|--|---|
| Examiner Initials | | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published. |
| CL | | Circulation; American Heart Association; ECC Guidelines, Part 7: The Era of Reperfusion; http://circ.ahajournals.org/cgi/content/full/102/suppl_1/I-172?maxtoshow+HIRA=10&hits=10&RES;2000;102:I-172.. |
| CL | | KUDENCHUK, et al., Accuracy of Computer-Interpreted Electrocardiography in Selecting Patients for Thrombolytic Therapy; Journal of the American College of Cardiology; Vol. 17, No. 7, June 1991, 1486-91. |
| CL | | O'ROURKE, et al.; Accuracy of a Portable Interpretive ECG Machine in Diagnosis of Acute Evolving Myocardial Infarction; Aust NZ J Med 1992; 22; 9-13. |
| CL | | BRAUNWALD, et al.; ACC/AHA Guidelines for the Management of Patients With Unstable Angina and Non-ST-Segment Elevation Myocardial Infarction, Journal of the American College of Cardiology; Vol. 36, No. 3, September 2000; 970-1062. |

| | | | |
|-----------------------|--------------|--------------------|------------|
| Examiner Signature | /Carl Layno/ | Date Considered | 06/22/2006 |
|-----------------------|--------------|--------------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|--|------------------------|---------------------|-------------------|
| Substitute of form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | Not Yet Assigned |
| | | Filing Date | Not Yet Assigned |
| | | First Name Inventor | G. Ian Rowlandson |
| | | Group Art Unit | Not Yet Assigned |
| | | Examiner Name | Not Yet Assigned |
| Sheet 1 of 2 | Attorney Docket Number | 039199-9554-00 | |

| U.S. PATENT DOCUMENTS | | | | |
|-----------------------|--|-----------------------------|---|---------------------------------------|
| Examiner Initials | | U.S. Patent Document Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document |
| CL | | 6,507,753 | Xue et al. | 1/14/2003 |
| | | 6,450,954 | Selker | 9/17/2002 |
| | | 6,443,889 | Groth et al. | 9/3/2002 |
| | | 6,394,952 | Anderson et al. | 5/28/2002 |
| | | 6,334,192 | Karpf. | 12/25/2001 |
| | | 6,142,078 | Lachajewski | 11/7/2000 |
| | | 6,099,469 | Armstrong et al. | 8/8/2000 |
| | | 6,067,466 | Selker et al. | 5/23/2000 |
| | | 6,059,724 | Campell et al. | 5/9/2000 |
| | | 5,819,007 | Elghazzawi | 10/6/1998 |
| | | 5,747,274 | Jackowski | 5/5/1998 |
| | | 5,724,983 | Selker et al. | 3/10/1998 |
| | | 5,718,233 | Selker et al. | 2/17/1998 |
| | | 5,501,229 | Selker et al. | 3/26/1996 |
| | | 5,277,188 | Selker | 1/11/1994 |
| | | 5,276,612 | Selker | 1/4/1994 |
| CL | | 4,998,535 | Selker et al. | 3/12/1991 |

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Carl Layno/ | Date Considered | 06/22/2006 |
|--------------------|--------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|--|---|--------------------------|-------------------|
| Substitute of form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Application Number | Not Yet Assigned |
| | | Filing Date | Not Yet Assigned |
| | | First Name Inventor | G. Ian Rowlandson |
| | | Group Art Unit | Not Yet Assigned |
| | | Examiner Name | Not Yet Assigned |
| (use as many sheets as necessary) | | Attorney Docket Number | 039199-9554-00 |
| Sheet | 2 | of | 2 |

| U.S. PATENT DOCUMENTS | | | | |
|-----------------------|--|-----------------------------|---|---------------------------------------|
| Examiner Initials | | U.S. Patent Document Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document |
| CL | | 4,957,115 | Selker | 9/18/1990 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------|--------------------------------|---|---------------------------------------|-------------|------------------|
| Examiner Initials | Country Code | Foreign Patent Document Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document | Translation | English Abstract |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

T:\client\039199\9554\A0804690.1

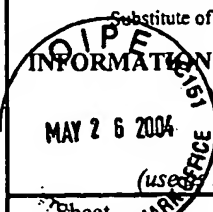
| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Carl Layno/ | Date Considered | 06/22/2006 |
|--------------------|--------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|-------------------------------|----------------------------|-------------------|
| Substitute of form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary) | | Application Number | 10/825,381 |
| | | Filing Date | April 15, 2004 |
| | | First Name Inventor | G. Ian Rowlandson |
| | | Group Art Unit | Not yet assigned |
| | | Examiner Name | Not yet assigned |
| Sheet 1 of 7 | Attorney Docket Number | 039199-9554-00 | |

| U.S. PATENT DOCUMENTS | | | | |
|-----------------------|--------------|-----------------------------|---|---------------------------------------|
| Examiner Initials | | U.S. Patent Document Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document |
| CL | | 4,589,420 | Adams et al. | 5/20/1986 |
| | | 4,457,315 | Bennish | 7/3/1984 |
| | | 5,201,321 | Fulton | 4/13/1993 |
| | | 4,854,327 | Kunig | 8/8/1989 |
| | | 5,025,795 | Kunig | 6/25/1991 |
| | | 4,989,610 | Patton et al. | 2/5/1991 |
| | | 4,977,899 | Digby et al. | 12/18/1990 |
| | | 4,958,641 | Digby et al. | 9/25/1990 |
| | | 4,928,690 | Heilman et al. | 5/29/1990 |
| | | 4,860,762 | Heumann et al. | 8/29/1989 |
| | | 4,679,144 | Cox et al. | 7/7/1987 |
| | | 4,432,375 | Angel et al. | 2/21/1984 |
| | | 4,422,459 | Simson | 12/27/1983 |
| | | 4,202,340 | Langer et al. | 5/13/1980 |
| | | 5,117,834 | Kroll et al. | 6/2/1992 |
| | | 4,492,235 | Sitrick | 1/8/1985 |
| | | 4,458,692 | Simson | 7/10/1984 |
| CL | | 4,458,691 | Netravali | 7/10/1984 |
| Examiner Signature | /Carl Layno/ | | Date Considered | 06/22/2006 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|-------------------------------|----------------------------|-------------------|
| Substitute of form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 10/825,381 |
| | | Filing Date | April 15, 2004 |
| | | First Name Inventor | G. Ian Rowlandson |
| | | Group Art Unit | Not yet assigned |
| | | Examiner Name | Not yet assigned |
| Sheet 2 of 7 | Attorney Docket Number | 039199-9554-00 | |

| U.S. PATENT DOCUMENTS | | | | |
|-----------------------|--|-----------------------------|---|---------------------------------------|
| Examiner Initials | | U.S. Patent Document Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document |
| CL | | 4,974,598 | John | 12/4/1990 |
| | | 5,117,833 | Albert et al. | 6/2/1992 |
| | | 5,000,189 | Throne et al. | 3/19/1991 |
| | | 4,519,395 | Hrushesky | 5/28/1985 |
| | | 4,136,690 | Anderson et al. | 1/30/1979 |
| | | 5,570,696 | Arnold et al. | 11/5/1996 |
| | | 5,819,741 | Karlsson et al. | 10/13/1998 |
| | | 5,343,870 | Gallant et al. | 9/6/1994 |
| | | 6,453,191 | Krishnamachari | 9/17/2002 |
| | | 4,802,491 | Cohen et al. | 2/7/1989 |
| | | 5,935,082 | Albrecht et al. | 8/10/1999 |
| | | 5,148,812 | Verrier et al. | 9/22/1992 |
| | | 5,265,617 | Verrier et al. | 11/30/1993 |
| | | 5,437,285 | Verrier et al. | 8/1/1995 |
| | | 5,560,370 | Verrier et al. | 10/1/1996 |
| | | 5,921,940 | Verrier et al. | 7/13/1999 |
| | | 6,169,919 | Nearing et al. | 1/2/2001 |
| | | 4,896,677 | Kaneko et al. | 1/30/1990 |
| | | 4,732,157 | Kaplan et al. | 3/22/1988 |
| | | 4,972,834 | Begemann et al. | 11/27/1990 |
| ✓ | | 5,042,497 | Shapland | 8/27/1991 |
| CL | | 5,188,116 | Pommrehn et al. | 2/23/1993 |

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Carl Layno/ | Date Considered | 06/22/2006 |
|--------------------|--------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute of form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| | |
|------------------------|-------------------|
| Application Number | 10/825,381 |
| Filing Date | April 15, 2004 |
| First Name Inventor | G. Ian Rowlandson |
| Group Art Unit | Not yet assigned |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | 039199-9554-00 |

Sheet 3 of 7

U.S. PATENT DOCUMENTS

| Examiner Initials | U.S. Patent Document Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document |
|-------------------|-----------------------------|---|---------------------------------------|
| CL | 5,277,190 | Moulton | 1/11/1994 |
| | 3,554,187 | Glassner et al. | 1/12/1971 |
| | 4,802,491 | Cohen et al. | 2/7/1989 |
| | 4,924,875 | Chamoun | 5/15/1990 |
| | 4,974,162 | Siegel et al. | 11/27/1990 |
| | 3,902,479 | Chaumet | 9/2/1975 |
| | 4,170,992 | Dillman | 10/16/1979 |
| | 4,603,703 | McGill et al. | 8/5/1986 |
| | 4,665,485 | Lundy et al. | 5/12/1987 |
| | 3,759,248 | Valiquette | 9/18/1973 |
| | 4,316,249 | Gallant et al. | 2/16/1982 |
| | 4,938,228 | Righter et al. | 7/3/1990 |
| | 4,951,680 | Kirk et al. | 8/28/1990 |
| | 4,955,382 | Franz et al. | 9/11/1990 |
| | 4,832,038 | Arai et al. | 5/23/1989 |
| | 4,475,558 | Brock | 10/9/1984 |
| | 4,616,659 | Prezas et al. | 10/14/1986 |
| | 3,658,055 | Abe et al. | 4/25/1972 |
| | 3,821,948 | King | 7/2/1974 |
| | 3,952,731 | Worstencroft | 4/27/1976 |
| | 4,181,135 | Andresen et al. | 1/1/1980 |
| CL | 4,417,306 | Citron et al. | 11/22/1983 |

Examiner Signature

/Carl Layno/

Date Considered

06/22/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|--|---|-------------------------------|-------------------|
| Substitute of form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Application Number | 10/825,381 |
| | | Filing Date | April 15, 2004 |
| | | First Name Inventor | G. Ian Rowlandson |
| | | Group Art Unit | Not yet assigned |
| | | Examiner Name | Not yet assigned |
| (use as many sheets as necessary) | | Attorney Docket Number | 039199-9554-00 |
| Sheet | 4 | of | 7 |

| U.S. PATENT DOCUMENTS | | | | |
|-----------------------|--|-----------------------------|---|---------------------------------------|
| Examiner Initials | | U.S. Patent Document Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document |
| CL | | 5,423,878 | Franz | 6/13/1995 |
| | | 5,253,650 | Wada | 10/19/1993 |
| | | 4,124,894 | Vick et al. | 11/7/1978 |
| | | 4,979,510 | Franz et al. | 12/25/1990 |
| | | 5,020,540 | Chamoun | 6/4/1991 |
| | | 4,583,553 | Shah et al. | 4/22/1986 |
| | | 4,680,708 | Ambos et al. | 7/14/1987 |
| | | 4,796,638 | Sasaki | 1/10/1989 |
| | | 5,092,341 | Kelen | 3/3/1992 |
| | | 5,109,862 | Kelen et al. | 5/5/1992 |
| | | 5,570,696 | Arnold et al. | 11/5/1996 |
| | | 5,323,783 | Henkin et al. | 6/28/1994 |
| | | 5,234,404 | Tuttle et al. | 8/10/1993 |
| CL | | 5,010,888 | Jadvar et al. | 4/30/1991 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Carl Layno/ | Date Considered | 06/22/2006 |
|--------------------|--------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|-------------------------------|----------------------------|-------------------|
| Substitute of form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 10/825,381 |
| | | Filing Date | April 15, 2004 |
| | | First Name Inventor | G. Ian Rowlandson |
| | | Group Art Unit | Not yet assigned |
| | | Examiner Name | Not yet assigned |
| Sheet 5 of 7 | Attorney Docket Number | 039199-9554-00 | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------|--------------------------------|--|---------------------------------------|-------------|------------------|
| Examiner Initials | Country Code | Foreign Patent Document Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document | Translation | English Abstract |
| | | | | | | |
| CL | DE | 2604460 | Michael S. Lampadius | 8/11/1977 | | |
| ↓ | DE | 3303104 | Belorussky Nauchno-Issledovatel'sky Institut Kardiologii | 8/2/1984 | | |
| | DE | 4024360 | Transformatoren und Röntgenwerk GmbH | 3/21/1991 | | |
| | EP | 0080821 | Datamedix, Inc. | 6/8/1983 | | |
| | FR | 2539978 | Belorussky Nauchno-Issledovatel'sky Institut Kardiologii | 8/3/1984 | | |
| ↓ | UK | 2070871 | Anderson et al. | 9/9/1981 | | |
| CL | WO | WO81/02832 | Datamedix, Inc. | 10/15/1981 | | |
| | | | | | | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | |
|---|--|
| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published. |
| CL | Speranza et al., 'Beat-to-beat measurement and analysis of the R-T interval in 24 h ECG Holter recordings,' Med and Biol Eng & Comput, 1993, 31, pp. 487-494. |
| CL | Narayanaswamy et al., 'Selective beat signal averaging and spectral analysis of beat intervals to determine the mechanisms of premature ventricular contractions,' University of Oklahoma Health Sciences Center, May 1993, pp. 81-84. |
| CL | Laks et al., 'ECG computer program developed for a retrospective and prospective study of the Pardee T wave,' Department of Medicine, UCLA School of Medicine, Harbor-UCLA Medical Center, Torrance, CA, 1992, pp. 365-368. |
| CL | Makarov et al., 'Holter monitoring in the long QT syndrome of children and adolescents,' Cor Vasa, 1990, 32(6), pp. 474-483. |
| CL | Navarro-Lopez et al., 'Isolated T wave alternans elicited by hypocalcemia in dogs,' Electrocardiology, 1978, 11(2), pp. 103-108. |

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Carl Layno/ | Date Considered | 06/22/2006 |
|--------------------|--------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute of form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| | |
|------------------------|-------------------|
| Application Number | 10/825,381 |
| Filing Date | April 15, 2004 |
| First Name Inventor | G. Ian Rowlandson |
| Group Art Unit | Not yet assigned |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | 039199-9554-00 |

Sheet 6 of 7

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published. |
|-------------------|--|--|
| CL | | Little et al., 'Torsade de Pointes and T-U wave alternans associated with arsenic poisoning,' Pace, 1990, 13, pp. 164-170. |
| CL | | Weintraub et al., 'The congenital long QT syndromes in childhood,' Journal of the American College of Cardiology, September 1990, 16(3), pp. 674-680. |
| CL | | Bibler et al., 'Recurrent ventricular tachycardia due to pentamidine-induced cardiotoxicity,' Chest, December 1988, 94(6), pp. 1303-1306. |
| CL | | Ahnve et al., 'Circadian variations in cardiovascular parameters during sleep deprivation, A noninvasive study of young healthy men,' European Journal of Applied Physiology, 1981, 46, pp. 9-19. |
| CL | | Surawicz, 'ST-segment, T-wave, and U-wave changes during myocardial ischemia and after myocardial infarction,' Canadian Journal of Cardiology, Supplement A, July 1986, pp. 71A-84A. |
| CL | | Stroobandt et al., 'Simultaneous recording of atrial and ventricular monophasic action potentials: monophasic action potential duration during atrial pacing, ventricular pacing, and ventricular fibrillation,' Pace, July-August 1985, 8, pp. 502-511. |
| CL | | Sharma et al., 'Romano-Ward prolonged QT syndrome with intermittent T wave alternans and atrioventricular block,' American Heart Journal, 1981, pp. 500-501. |
| CL | | Navarro-Lopez et al., 'Isolated T wave alternans,' American Heart Journal, 1978, pp. 369-374. |
| CL | | Mitsutake et al., 'Usefulness of the Valsalva Maneuver in management of the long QT syndrome,' Circulation, 1981, 63(5), pp. 1029-1035. |
| CL | | Nearing et al., 'Personal computer system for tracking cardiac vulnerability by complex demodulation of the T wave,' American Physiological Society, 1993, pp. 2606-2612. |
| CL | | Joyal et al., 'ST-segment alternans during percutaneous transluminal coronary angioplasty,' Division of Cardiology, Department of Medicine, University of Florida and the Veterans Administration Medical Center, June 1984, pp. 915-916. |
| CL | | Schwartz et al., 'Electrical alternation of the T-wave: clinical and experimental evidence of its relationship with the sympathetic nervous system and with the long Q-T syndrome,' American Heart Journal, January 1975, 89(1), pp. 45-50. |
| CL | | Schwartz, 'Idiopathic long QT syndrome: progress and questions,' American Heart Journal, February 1985, 109(2), pp. 399-411. |
| CL | | Verrier et al., 'Electrophysiologic basis for T wave alternans as an index of vulnerability to ventricular fibrillation,' Journal of Cardiovascular Electrophysiology, May 1994, 5(5), pp. 445-461. |

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Carl Layno/ | Date Considered | 06/22/2006 |
|--------------------|--------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|-------------------------------|----------------------------|-------------------|
| Substitute of form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 10/825,381 |
| | | Filing Date | April 15, 2004 |
| | | First Name Inventor | G. Ian Rowlandson |
| | | Group Art Unit | Not yet assigned |
| | | Examiner Name | Not yet assigned |
| Sheet 7 of 7 | Attorney Docket Number | 039199-9554-00 | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | |
|---|--|--|
| Examiner Initials | | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published. |
| CL | | Verrier et al., 'Behavioral states and sudden cardiac death,' Pace, September 1992, 15, pp. 1387-1393. |
| CL | | Turitto et al., 'Alternans of the ST segment in variant angina,' Chest, March 1988, 93(3), pp. 587-591. |
| CL | | Ring et al., 'Exercise-induced ST segment alternans,' American Heart Journal, May 1986, 111(5), pp. 1009-1011. |
| CL | | Wayne et al., 'Exercise-induced ST segment alternans,' Chest, May 1983, 83(5), pp. 824-825. |
| CL | | Verrier et al., 'Ambulatory electrocardiogram-based tracking of T wave alternans in postmyocardial infarction patients to assess risk of cardiac arrest or arrhythmic death,' Journal of Cardiovascular Electrophysiology, July 2003, 14(7), pp. 705-711. |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Carl Layno/ | Date Considered | 06/22/2006 |
|--------------------|--------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.